

Figure 1

напои овощи огурцы помидоры
хлеб чай кофе молоко

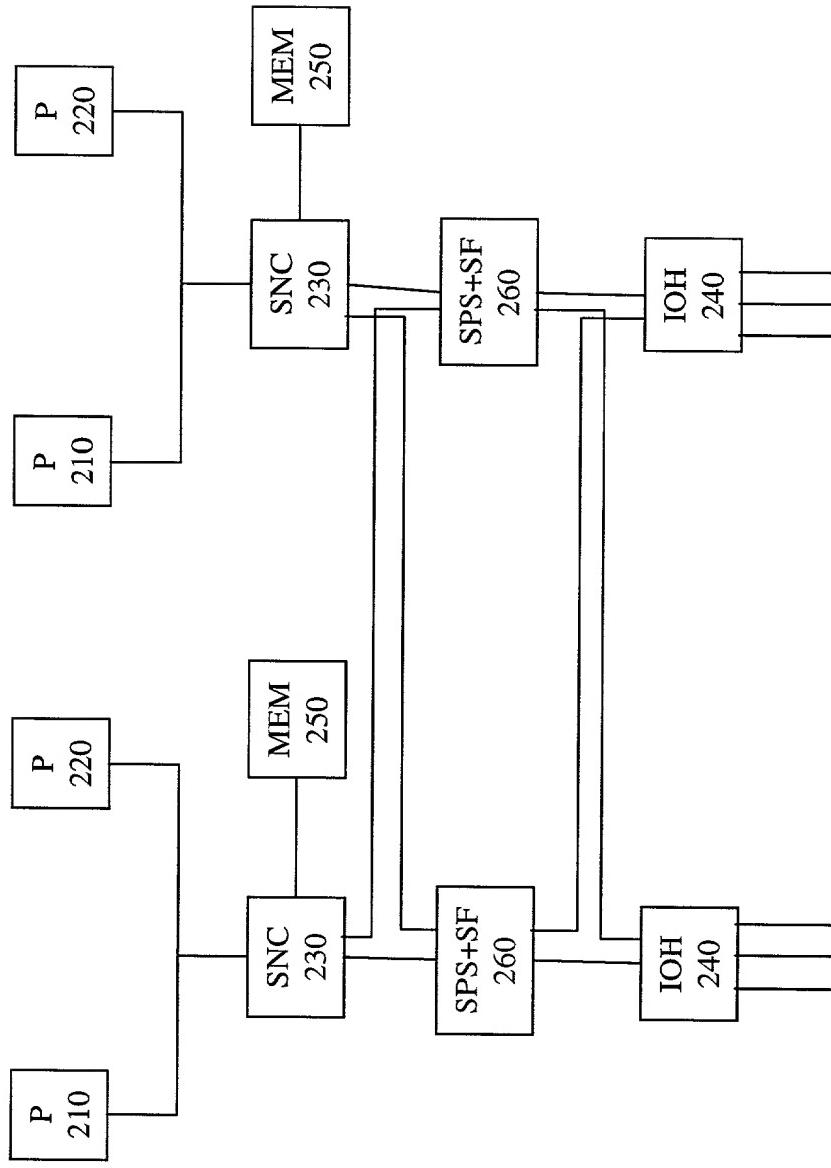


Figure 2

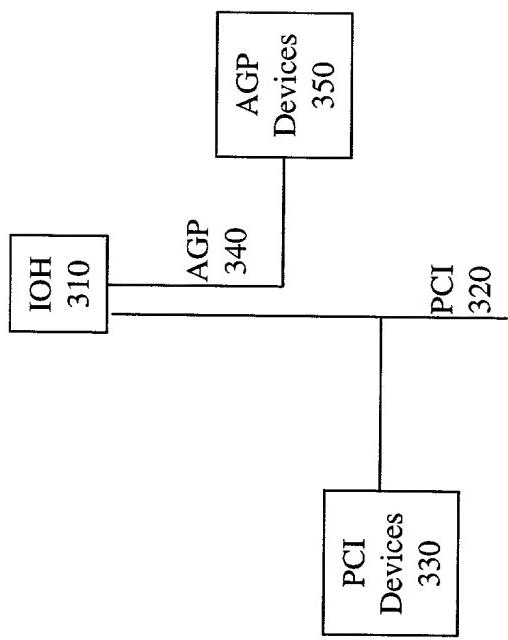
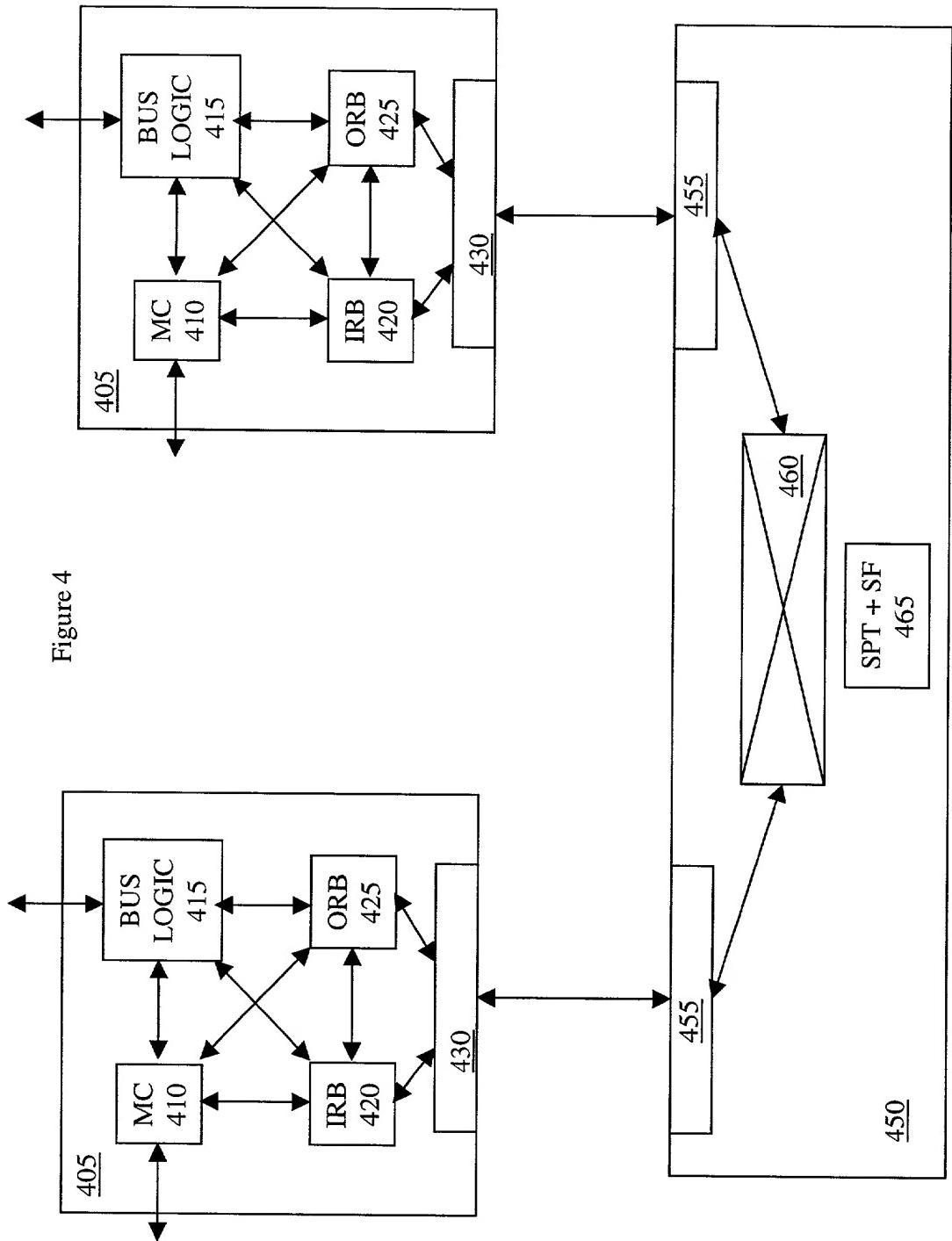


Figure 3

Figure 4
405



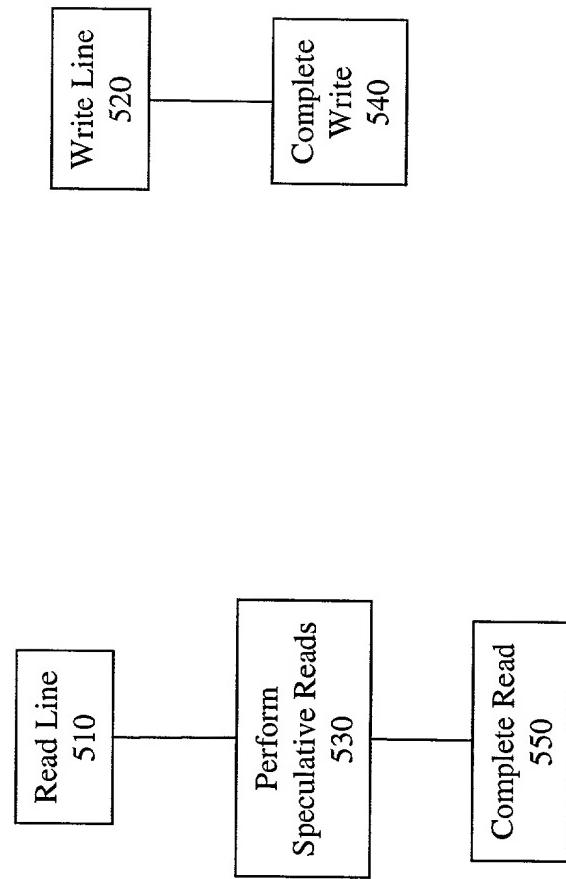


Figure 5

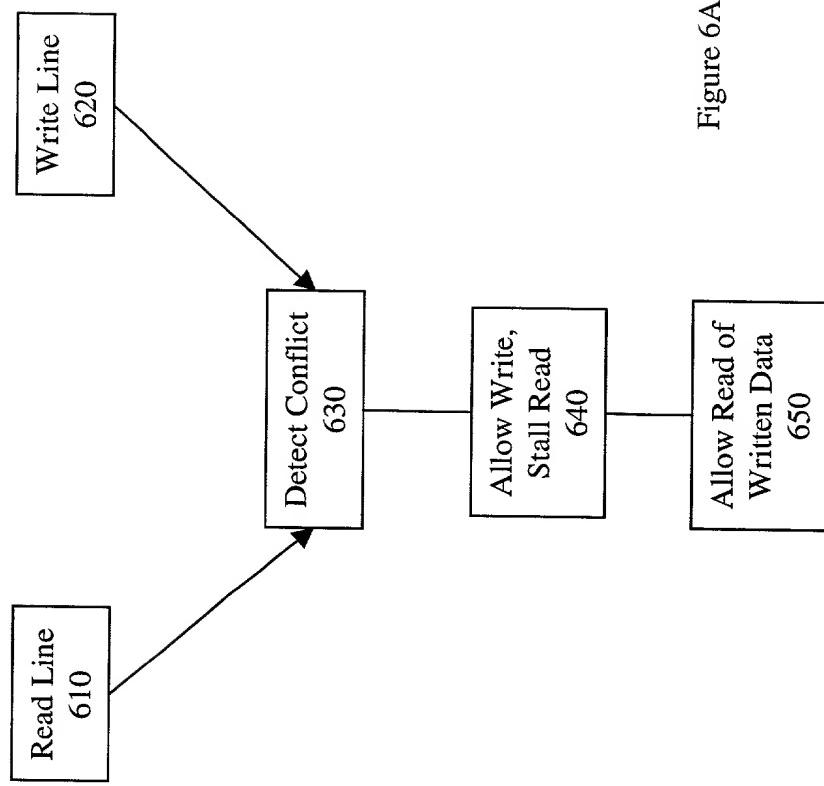


Figure 6A

Write Line
620

Read Line
610

Detect Conflict
670

Stall Write
675

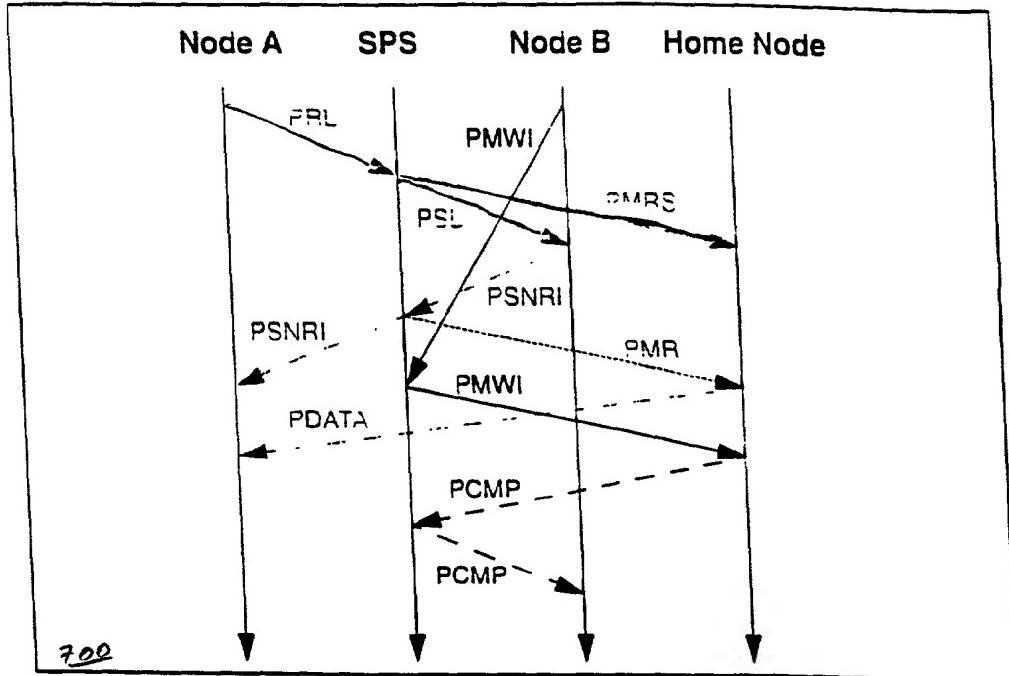
Complete Read
680

Invalidate Written Data
685

Read Completes Write
690

Figure 6B

Figure 7 Timing Diagram for the Read-Write Conflict Problem



Timing Diagrams for Possible Resolutions of Read-Write Conflicts

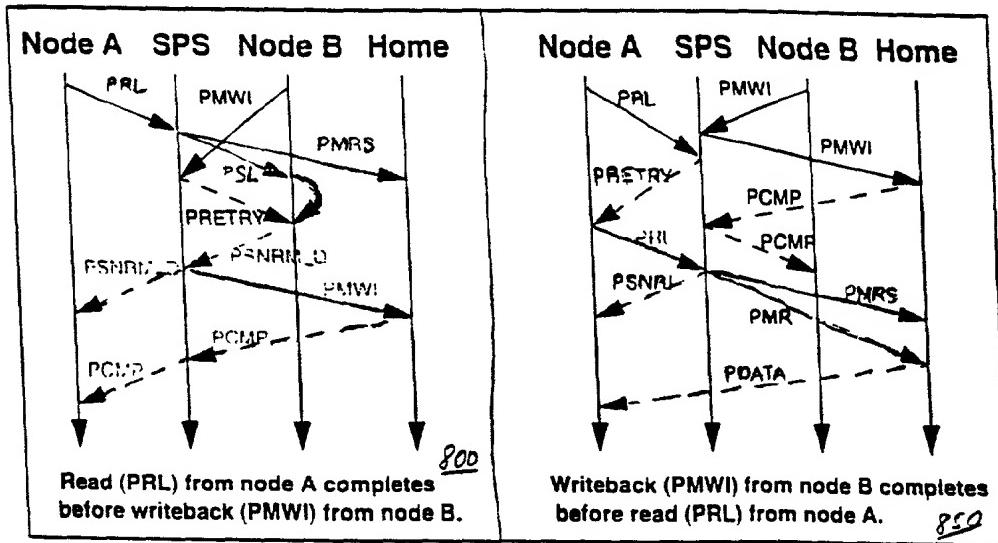


Fig. 8A

Fig. 8B

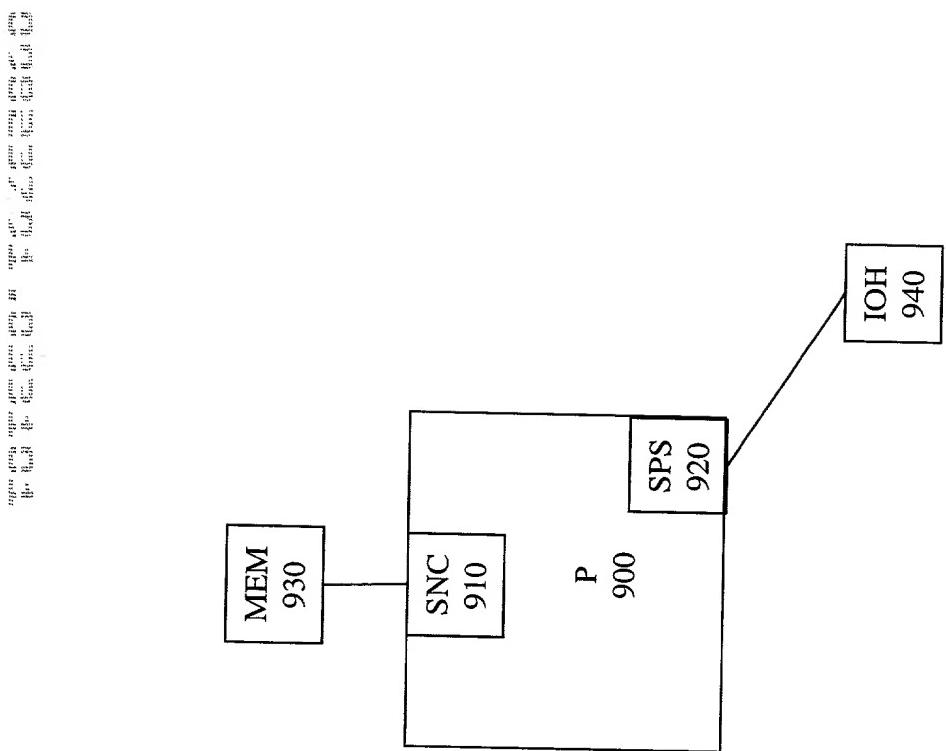


Figure 9

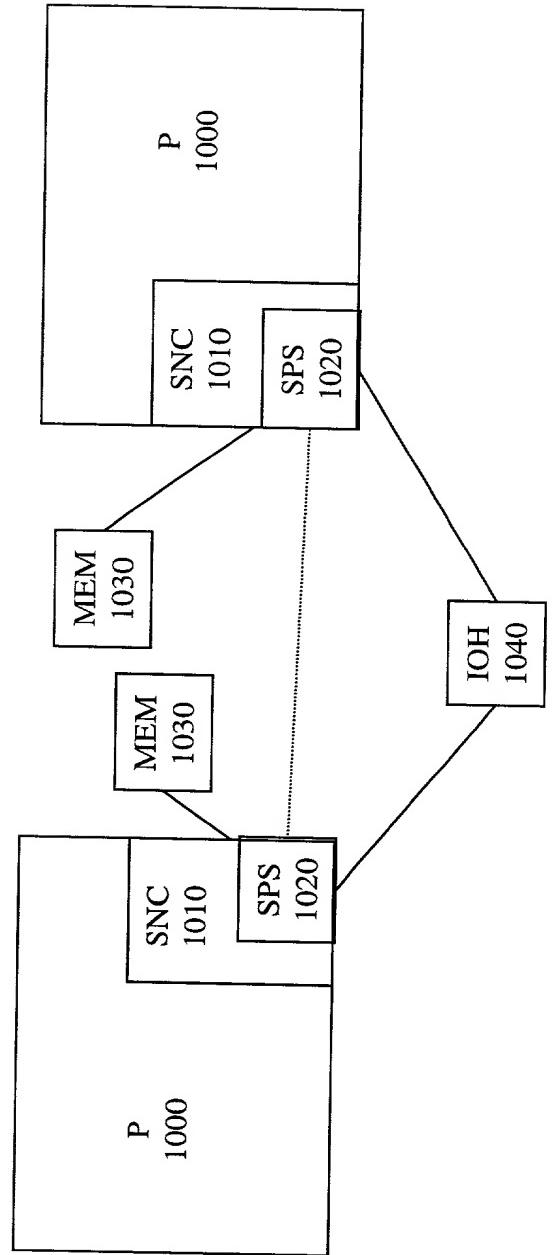


Figure 10